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PATENT
612-07-CIP

IN THE U.S. PATENT AND TRADEMARK OFFICE

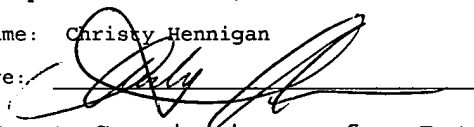
Applicant: SCHAEFER, Dean et al. Conf.: 7088
Appl. No.: 10/043,947 Group: Unassigned
Filed: January 11, 2002 Examiner: UNASSIGNED
For: MICROCOIL VASO-OCCLUSIVE DEVICE WITH
MYLTI-AXIS SECONDARY CONFIGURATION

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231.

Date of Deposit: March 10, 2003

Typed Name: Christy Hennigan

Signature: 

Assistant Commissioner for Patents
Washington, DC 20231

March 10, 2003

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Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby
submit(s) Supplemental Information Disclosure Statement for
consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted
for consideration by the Office are listed on the PTO-1449(s),
attached hereto.

II. COPIES (check at least one box)

- a. ☒ Submitted herewith is a legible copy of (i) each
U.S. and foreign patent; (ii) each publication or
that portion which caused it to be listed; and
(iii) all other information or that portion which
caused it to be listed.
- b. ☐ Some or all of the documents listed on the PTO-
1449 are not enclosed because they were cited in
the International Search Report and copies should

already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEEES

IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. ☐ concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- d. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. ☐ No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)

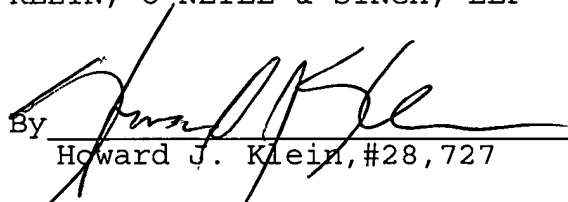
- ☐ A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 11-1159 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 11-1159.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 11-1159 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

KLEIN, O'NEILL & SINGH, LLP

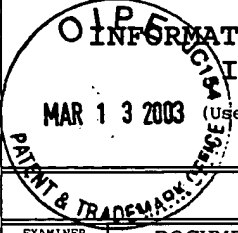
By 
Howard J. Klein, #28,727

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Irvine, CA 92614
(949) 955-1920

HJK/clh
612-07-CIP

Enclosures: ☒ PTO-1449
☒ Documents
☐ Foreign Search Report
☐ Fee
☐ Other:

(Rev. 10/31/01)

Form PTO-1449				ATTY DOCKET NO. 612-07-CIP		APPLICATION NO. 10/043,947		
<div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>(Use several sheets if necessary)</p> </div>				APPLICANT SCHAEFER, Dean et al.				
				FILING DATE January 11, 2002		GROUP Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	US 407,818	DES.	1999-04-06	Mariant et al.				
	US 421,304	DES.	2000-02-29	Mariant et al.				
	US 4,551,132		1985-11-05	Pasztor et al.				
	US 4,795,741		1989-01-03	Leshchiner et al.				
	US 4,819,637		1989-04-11	Dormandy, Jr. et al.				
	US 5,108,407		1992-04-28	Geremia et al.				
	US 5,122,136		1992-06-16	Guglielmi et al.				
	US 5,133,731		1992-07-28	Butler et al.				
	US 5,226,911		1993-07-13	Chee et al.				
	US 5,234,437		1993-08-10	Sepetka				
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
WIPO	WO 02/32325	A1	2002-04-25	PCT				
WIPO	WO 01/45571	A1	2001-06-28	PCT				
WIPO	WO 00/74577	A1	2000-12-14	PCT				
WIPO	WO 00/21443	A1	2000-04-20	PCT				
WIPO	WO 99/09893	A1	1999-03-04	PCT				
EPO	EP 0 739 605	B1	1996-04-26	EUROPE				
WIPO	WO 98/17183	A1	1998-04-30	PCT				
WIPO	WO 94/11051	A1	1994-05-26	PCT				
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
	CLOFT, Harry J. et al.; "Use of Three-dimensioanl Gug;ie;mi Detachable Coils.." AJNR AM J. Neuroradiol 21:1312-1314 August 2000							
	MALEK, Adel M. et al.; "Treatment of an Intracranial Aneurysm Using a New.."Neurosurgery, Vol. 44, No.5, May 1999							
	GIANTURCO, M.D. et al.; "Mechanical Devices for Arterial Occlusion" July 1975, Vol. 124, No. 3., pp. 428-435							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449

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Use several sheets if necessary)

APPLICANT
SCHAEFER, Dean et al.

FILING DATE
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GROUP	Unassigned
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,261,916		1993-11-16	Engelson			
	US 5,304,194		1994-04-19	Chee et al.			
	US 5,312,415		1994-05-17	Palermo			
	US 5,350,397		1994-09-27	Palermo et al.			
	US 5,382,259		1995-01-17	Phelps et al.			
	US 5,382,260		1995-01-17	Dormandy, Jr, et al.			
	US 5,423,829		1995-06-13	Pham et al.			
	US 5,525,334		1996-06-11	Ito et al.			
	US 5,527,338		1996-06-18	Purdy			
	US 5,578,074		1996-11-26	Mirigian			

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

OTHER DOCUMENTS		(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.
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US 5,580,568		1996-12-03	Greff et al.					
US 5,624,461		1997-04-29	Mariant					
US 5,639,277		1997-06-17	Mariant et al.					
US 5,645,558		1997-07-08	Horton					
US 5,649,949		1997-07-22	Wallace et al.					
US 5,658,308		1997-08-19	Snyder					
US 5,690,667		1997-11-25	Gia					
US 5,700,258		1997-12-23	Mirigian et al.					
US 5,718,711		1998-02-17	Berenstein et al.					
US 5,749,891		1998-05-12	Ken et al.					
FOREIGN PATENT DOCUMENTS								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
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